



Commonwealth of Massachusetts  
Executive Office of Energy & Environmental Affairs

## Department of Environmental Protection

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### FINAL AIR QUALITY OPERATING PERMIT RENEWAL

Issued by the Massachusetts Department of Environmental Protection ("Department" or "MassDEP") pursuant to its authority under M.G.L. c. 111, §142B and §142D, 310 CMR 7.00 et seq., and in accordance with the provisions of 310 CMR 7.00: Appendix C.

#### ISSUED TO ["the Permittee"]:

Hood Coatings, Inc.  
70 Searle Street  
Georgetown, MA 01833

#### FACILITY LOCATION:

Hood Coatings, Inc.  
70 Searle Street  
Georgetown, MA 01833

#### NATURE OF BUSINESS:

Paper, Fabric, and Nonwoven Material Coater

#### RESPONSIBLE OFFICIAL:

Name: Mr. William P. Hood  
Title: President

#### INFORMATION RELIED UPON:

Application No. MBR-08-OPP-001R  
Transmittal No. X258328

#### FACILITY IDENTIFYING NUMBERS:

AQ ID: 1210102  
FMF FAC NO.: 53682  
FMF RO NO.: 162794

**STANDARD INDUSTRIAL CODE (SIC):**  
2295

**NORTH AMERICAN INDUSTRY  
CLASSIFICATION CODE (NAICS):**  
313320

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**This Operating Permit shall expire on 05/20/2020.**

For MassDEP, Bureau of Waste Prevention

This final document copy is being provided to you electronically by the  
Department of Environmental Protection. A signed copy of this document  
is on file at the DEP office listed on the letterhead.

05/20/2015

Susan P. Ruch  
Deputy Regional Director  
Bureau of Air and Waste

Date

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## **SPECIAL CONDITIONS FOR OPERATING PERMIT**

### **1. PERMITTED ACTIVITIES**

In accordance with the provisions of 310 CMR 7.00:Appendix C and applicable rules and regulations, the Permittee is authorized to operate air emission units as shown in Table 1 and exempt and insignificant activities as described in 310 CMR 7.00:Appendix C(5)(h) and (i). The units described in Table 1 are subject to the terms and conditions shown in Sections 4, 5, and 6 and to other terms and conditions as specified in this Permit. Emissions from the exempt activities shall be included in the total facility emissions for the emission-based portion of the fee calculation described in 310 CMR 4.00 and this Permit.

### **A. DESCRIPTION OF FACILITY OPERATIONS**

The Permittee is a coater of fabrics, paper, and nonwovens. Industries served have included the shoe industry, the medical industry, the jewelry box industry and the military along with other small business applications. The facility houses five knife-over roller coating lines that are used to apply coatings; two are oven lines and three are dry steam lines. Volatile organic compounds (VOC) emissions from the two oven lines are controlled by means of a thermal afterburner. The majority of the coatings used at the facility are VOC-based, though some are water based. The permittee also operates a natural gas fired Superior Boiler Model No. 7385 rated at less than 3 million Btu per hour. As it is subject only to generally applicable regulations, in accordance with MassDEP's Emission Unit Definition Policy, it is not listed in the operating permit as an emission unit, but the boiler emissions are included in reporting facility-wide emissions.

Emission Unit (EU) 1, EU3, and EU7, (coating lines 1, 3, and 6 respectively) are dry steam lines that utilize the steam heat from the Superior Boiler to operate. All coatings used on these lines have a VOC content less than 4.8 pounds per gallon of solids applied, as required by 310 CMR 7.18 Reasonably Available Control Technology (RACT) for fabric and paper coating. EU5 and EU6 (coating lines 4 and 5) lines are controlled by the Wolverine afterburner/oxidizer, which is a custom unit that was installed in 1992 to address odor issues. The oxidizer operates at a minimum retention time of 1.0 second at 1375 degrees F.

Hood Coatings, Inc. is subject to 310 CMR 7.18(30) RACT for adhesives and sealants, which establishes VOC emission limits along with requirements for application techniques, container labeling, work practices, and recordkeeping. 310 CMR 7.18(30) has a future compliance date of May 1, 2016, however applicable requirements from said regulation are included herein for reference.

Hood Coatings, Inc. is a non-major source of Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Monoxide (CO), Volatile Organic Compounds (VOC) and Particulate Matter (PM). The facility is considered major for National Emission Standard for Hazardous Air Pollutants (NESHAP): Printing, Coating, and Dyeing of Fabrics and Other Textiles, Title 40 Code of Federal Regulations (CFR) Part 63, Subpart OOOO (facility-wide) and remains subject to the Operating Permit Program because of EPA's "Once in Always In" Policy, but the facility currently is not a major HAP source and their natural gas fired boiler is not subject to area source boiler NESHAP. EU1, EU3, EU5, EU6 and EU7 are also subject to the requirements of MBR-91-IND-045.

Compliance Assurance Monitoring (CAM) does not apply to the Permittee since EU5 and EU6 have pre-control VOC emissions less than major, and EU1, EU3, and EU7 currently do not use any air pollution control device.

On March 29, 2012, the Permittee was issued a Significant Modification to Operating Permit MBR-08-OPP-001 which incorporated: a change in frequency of stack testing requirements as a result of the Modified Test Approval MBR-91-IND-045 issued on February 24, 2010, the removal of all references to Emission Unit Number 2 (Coating Line Number 2) to reflect the removal of the line on April 19, 2010, the addition of the "Emission rate with add-on controls option" for compliance with CFR Part 63, Subpart OOOO, and the addition of requirements of Tables 3,4,5, and 6 to ensure compliance with 310 CMR 7.71, Reporting of Greenhouse Gas Emissions. There have been no additional modifications to date.

Tables 3, 4, 5, 6, and 8 of this Operating Permit contain the air quality requirements and regulations to which the Permittee is subject. Table 7 of this Operating Permit contains air quality requirements to which the Permittee is not subject.

## 2. EMISSION UNIT IDENTIFICATION

The following emission units (Table 1) are subject to and regulated by this Operating Permit:

<b>Table 1</b>			
Emission Unit (EU)	Description of Emission Unit	EU Design Capacity	Pollution Control Device (PCD)
1	Coating Line 1: K/R dry steam cans (8)	104 lbs/hr coating material	N/A
3	Coating Line 3: K/R dry steam cans (8)	104 lbs/hr coating material	N/A
5	Coating Line 4: K/R-oven-adhesives	138 lbs/hr coating material	Wolverine Thermal Afterburner
6	Coating Line 5: K/R-zone oven-adhesives	155 lbs/hr coating material	
7	Coating Line 6: K/R dry steam cans (8)	104 lbs/hr coating material	N/A

lbs/hr = pounds per hour  
N/A = not applicable

## 3. IDENTIFICATION OF EXEMPT ACTIVITIES

The following are considered exempt activities in accordance with the criteria contained in 310 CMR 7.00: Appendix C (5) (h):

<b>Table 2</b>	
DESCRIPTION OF CURRENT EXEMPT ACTIVITIES	REASON
The list of current exempt activities is contained in the Operating Permit application and shall be updated by the Permittee to reflect changes at the facility over the Permit term. An up-to-date copy of exempt activities list shall be kept on-site at the facility and a copy shall be submitted to MassDEP's Regional Office. Emissions from these activities shall be reported on the annual emissions statement pursuant to 310 CMR 7.12.	310 CMR 7.00: Appendix C(5)(h)

#### 4. APPLICABLE REQUIREMENTS

##### A. EMISSION LIMITS AND RESTRICTIONS

The Permittee is subject to the emission limits/restrictions as contained in Table 3 below:

Table 3 Emission Limit/Restrictions*					
EU #	Fuel/Raw Material	Pollutant	Emission Limit/Standard	Restrictions (Rate)	Applicable Regulations and/or (Approval No.)
1, 3	Coating	VOC	4.8 lbs VOC/gal solids as applied	N/A	310 CMR 7.18(14) 310 CMR 7.18 (15) MBR-91-IND-045
7	Coating	VOC	4.8 lbs VOC/gal solids as applied	<ul style="list-style-type: none"><li>• 3 Tons per Month</li><li>• 15 Tons per Twelve Month Rolling Calendar Period</li></ul>	
5, 6	Coating	VOC	<ul style="list-style-type: none"><li>• 4.8 lbs per hour after control</li></ul>	<ul style="list-style-type: none"><li>• Overall control efficiency of 98 percent by weight</li><li>• Minimum retention time of 1.0 second at 1375 degrees F</li><li>• Shut down coating line in the event of thermal afterburner failure &gt; 2 minutes</li><li>• coater heads shall always operate with face velocity &gt; 200 fpm</li><li>• coater head shall be kept lowered except during threading and unthreading</li><li>• front latched section at coater head closed except when loading the coater</li></ul>	MBR-91-IND-045
Facility -Wide	Naptha or other cleaning solvent	VOC	Store and dispose of VOC containing materials in a manner which will minimize evaporative emissions and prohibit spills. VOC-containing materials shall be transported and stored in tightly covered containers.  All cleaning rags used in conjunction with the cleaning process shall be placed in tightly covered containers when not in use, and shall be collected for proper recycling or disposal.		310 CMR 7.18(1)
	Coating	HAP	Refer to Table 9 Alternative Operating Scenarios		40 CFR 63, Subpart OOOO (Printing, Coating, and Dyeing of Fabrics and Other Textiles)
		VOC	<10 tons per month <49 tons per year		MBR-06-RES-002
		Single HAP	<3 tons per month <9.9 tons per year		
		Total HAPs	<5 tons per month <24.9 tons per month		
	Adhesive	VOC	See Table 8 “Special Terms and Conditions”		310 CMR 7.18(30)
	N/A	Green House Gas <sup>1</sup>	N/A		310 CMR 7.71 (state only)

\* Key to terms:

EU#	= emission unit number	/	= per
>	= greater than	HAP	= hazardous air pollutant
≤	= less than or equal to	VOC	= volatile organic compounds
<	= less than	lbs	= pounds
%	= percent	fpm	= feet per minute
kg	= kilogram	gal	= gallon
lbs/MMBtu	= pounds per million British thermal units	N/A	= not applicable
F	= Fahrenheit		

1. Green House Gas means any chemical or physical substance that is emitted into the air and that the Department may reasonably anticipate will cause or contribute to climate change including, but not limited to, CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, SF<sub>6</sub>, hydrofluorocarbons (HFCs), and perfluorocarbons (PFCs)

## B. COMPLIANCE DEMONSTRATION

The Permittee is subject to the monitoring, testing, record keeping, and reporting requirements as contained in Tables 4, 5, and 6 below and 310 CMR 7.00 Appendix C (9) and (10), as well as applicable requirements contained in Table 3:

<b>Table 4</b>	
<b>EU #</b>	<b>MONITORING AND TESTING REQUIREMENTS</b>
1, 3, 5, 6, 7	1) Monitor usage of raw materials to determine compliance with the restrictions and emission limitations/standards contained in Table 3 of this Operating Permit as well as the requirements found in Approval MBR-91-IND-045 and Regulation 310 CMR 7.18 (14) and (15) incorporated herein by reference.
	2) Upon request of MassDEP, in accordance with 310 CMR 7.13, perform or have performed tests to demonstrate compliance with 310 CMR 7.18 (14) and (15) incorporated herein by reference. Testing shall be conducted in accordance with EPA Method 24 and/or Method 25 as described in CFR Title 40 Part 60, or by other methods approved by MassDEP or EPA.
5, 6	3) Monitor the thermal afterburner outlet temperature and in the event of an afterburner shut down or the outlet temperature falls below the minimum temperature approved by MassDEP, an interlock device shall shut down the drive mechanism of the coating lines, as required in Approval MBR-91-IND-045.
	4) Complete additional emissions testing of the subject coating lines and their associated thermal afterburner every five years, as required in Modified Test Approval MBR-91-IND-045, dated February 24, 2010. The emissions testing program shall include testing: a) of the thermal oxidizer's destruction efficiency for VOC and b) collection efficiency of the system's Permanent Total Enclosure's (PTE's). This testing shall be scheduled so that it may be witnessed by MassDEP engineers if the MassDEP deems such as being necessary.
Facility Wide	5) Monitor facility operations such that compliance with the short-term and long-term emission limits for VOC and HAPs specified in Final Restricted Emission Status Approval MBR-06-RES-002 is demonstrated.
	6) Monitor cleaning and other operations such that VOC containing materials are handled and stored in a manner which will minimize evaporative emissions, as required in 310 CMR 7.18 (1) incorporated herein by reference.
	7) See Table 9 Alternative Operating Scenarios for scenario-specific monitoring/testing requirements in accordance with 40 CFR 63, Subpart OOOO.
	8) Monitor operations such that information may be compiled for the preparation of a Source Registration/Emission Statement Form as required by 310 CMR 7.12.
	9) In accordance with 310 CMR 7.71(1) and Appendix C(9) establish and maintain data systems or record keeping practices (e.g. fuel use records, SF6 usage documentation, Continuous Emissions Monitoring System) for greenhouse gas emissions to ensure compliance with the reporting provisions of M.G.L. c. 21N, the Climate Protection and Green Economy Act, Acts of 2008, c. 298, §6. (state only requirement)

**Table 5**

EU #	RECORD KEEPING REQUIREMENTS
1, 3, 5, 6, 7	<p>1) Prepare and maintain <b>daily</b> records sufficient to demonstrate compliance with the limits contained in Table 3 of this Operating Permit, Approval MBR-91-IND-045 and on an instantaneous basis as required by 310 CMR 7.18 (14) and (15). The daily records shall be used to compile both monthly and twelve month rolling period usage and VOC emissions. At a minimum, the following records shall be maintained:</p> <ol style="list-style-type: none"> <li>1. identity, quantity, formulation and density of each coating(s) used;</li> <li>2. identity, quantity, formulation and density of any diluent(s) and clean-up solvents used;</li> <li>3. solids content of any coating(s) used;</li> <li>4. actual operational and emissions characteristics of the coating line and any appurtenant emissions capture and control equipment;</li> <li>5. quantity of product produced.</li> </ol>
	<p>2) Maintain an Environmental Logbook, or equivalent record keeping system, as required in Approval MBR-91-IND-045, which shall record actions associated with environmental issues and overall emissions changes at the facility. The facility shall record information such as the results of federal, state, or local environmental inspections; maintenance or corrective actions related to pollution control equipment; and measures taken to lower overall emissions to the environment (air, solvent waste, etc.). This Logbook, or equivalent, shall be made available to MassDEP personnel upon request.</p>
	<p>3) Maintain the test results of any Emissions Compliance Testing (Stack Testing) performed in accordance with Modified Test Approval MBR-91-IND-045 dated February 24, 2010, Regulation 310 CMR 7.13, and EPA Method 24 and/or Method 25 as described in CFR Title 40 Part 60, or by other methods approved by MassDEP or EPA and incorporated herein by reference.</p>
5, 6	<p>4) Thermal afterburner outlet temperature shall be recorded on a circular chart recorder, as required in Approval MBR-91-IND-045.</p>
Facility - Wide	<p>5) Maintain on-site records to document compliance with the VOC and HAP emissions limits as stated in Final Restricted Emission Status Approval MBR-06-RES-002.</p>
	<p>6) In accordance with 310 CMR 7.71 (6) b. and c. retain at the facility for five years and make available to the Department upon request copies of the documentation of the methodology and data used to quantify emissions. (state only requirement)</p>
	<p>7) See Table 9 Alternative Operating Scenarios for scenario-specific record keeping requirements in accordance with 40 CFR 63, Subpart OOOO.</p>
	<p>The Permittee shall, contemporaneously with making a change authorized by this Operating Permit from one alternative operating scenario to another, enter in a log at the facility a record of the scenario under which it is operating. The Permittee shall record changes from one scenario to another contemporaneously with the change, as provided in 310 CMR 7.00: Appendix C (10) (g).</p>
	<p>8) As required by 310 CMR 7.12, maintain records such that information may be compiled for the annual preparation of a Source Registration/Emission Statement Form and keep copies of Source Registration/Emissions Statement Forms submitted annually to MassDEP.</p>
	<p>9) In accordance with 310 CMR 7.00: Appendix C(10)(b), maintain records of all monitoring data and supporting information required by this Operating Permit on site for five (5) years from the date of the monitoring sample, measurement, report or Operating Permit Renewal Application.</p>

<b>Table 6</b>	
<b>EU #</b>	<b>REPORTING REQUIREMENTS</b>
Facility-Wide	1) Submit a Source Registration/Emission Statement form to MassDEP on an annual basis as required in 310 CMR 7.12.
	2) Promptly report to MassDEP all instances of deviations from Permit requirements by telephone or fax, within three days of discovery of such deviation, as provided in 310 CMR 7.00: Appendix C (10)(f), incorporated herein by reference (See General Condition 25).
	3) Upon MassDEP's request, any record relevant to the Operating Permit or to the emissions of any air contaminant from the facility shall be submitted to MassDEP within 30 days of the request or longer, if approved by MassDEP, as required by 310 CMR 7.00 Appendix C(10)(a).
	4) In accordance with 310 CMR 7.13(1) and 7.13(2), if determined by MassDEP that stack testing is necessary to ascertain compliance with MassDEP's regulations or design approval provisos shall cause such stack testing to be summarized and submitted to MassDEP as prescribed in the agreed to pretest protocol.
	5) At least 30 days prior to any required emissions testing, the Permittee shall submit a written test protocol that outlines the test methodology to be employed during the required testing to this Office for MassDEP review and approval in accordance with Modified Test Approval MBR-91-IND-045, dated February 24, 2010.
	6) Within 60 days of the completion of any required testing, the Permittee shall submit results of said testing to this Office for review in accordance with Modified Test Approval MBR-91-IND-045 dated February 24, 2010.
	7) Submit on or before March 15 <sup>th</sup> of each year, an Annual RES Compliance Report (ARESCR) that documents the compliance status of the facility, for the previous Calendar Year, with respect to the limitations/restrictions established in Final Restricted Emission Status Approval MBR-06-RES-002
	8) The Permittee must notify the MassDEP by facsimile as soon as possible after confirmation of any Short-term or Long-term exceedance of any emission established within Final Restricted Emission Status Approval MBR-06-RES-002. This must be followed up within 7 days in writing in accordance with the provisions of the Final Restricted Emission Status Approval MB -06-RES-002.
	9) See Table 9 Alternative Operating Scenarios for scenario-specific reporting requirements.
	10) Submit by January 31 and July 31 for the previous six months respectively, a summary of all monitoring data and related supporting information to MassDEP as required by 310 CMR 7.00: Appendix C(10)(c). Said reports shall include both monthly and twelve month rolling period actual coatings usage and actual VOC emission totals as required in Table 3 of this Permit and Approval MBR-91-IND-045.
	11) Submit Annual Compliance report to MassDEP and EPA by January 30 of each year and as required by General Condition 10 of this permit. All reports must be certified by a responsible official as provided in 310 CMR 7.00: Appendix C (10) (h).
	12) In accordance with 310 CMR 7.71(5), by April 15 <sup>th</sup> of each year report emissions of greenhouse gases from stationary emissions sources including, but not limited to, emissions from factory stacks, manufacturing processes and vents, fugitive emissions, and other process emissions; owned or leased motor vehicles when stationary source greenhouse gas emissions are greater than 5,000 short tons CO <sub>2</sub> e. Report greenhouse gas emissions electronically in a format that can be accommodated by the registry. (state only requirement)
	13) In accordance with 310 CMR 7.71(6), certify greenhouse gas emissions reports using a form provided by the Department or the registry. (state only requirement)
	14) In accordance with 310 CMR 7.71(7), by December 31 <sup>st</sup> of the applicable year submit to the Department documentation of triennial verification of the greenhouse gas emissions report. (state only requirement)



### C. GENERAL APPLICABLE REQUIREMENTS

The Permittee shall comply with all generally applicable requirements contained in 310 CMR 7.00 et. seq. and 310 CMR 8.00 et. seq., when subject.

### D. REQUIREMENTS NOT CURRENTLY APPLICABLE

<b>Table 7</b>	
Regulation	Reason
310 CMR 7.16 Reduction Of Single Occupant Commuter Vehicle Use	Number of employees falls below applicability thresholds.
40 CFR Part 64 Compliance Assurance Monitoring Rule	There are no emission units at the facility that meet the three part criteria for applicability.

## 5. SPECIAL TERMS AND CONDITIONS

The Permittee is subject to the following special terms and conditions that are not contained in Tables 3, 4, 5 and 6.

<b>Table 8</b>	
EU#	Special Terms and Conditions
5,6	1) Coating lines EU5 and EU6 shall operate utilizing Permanent Total Enclosure (PTE) systems to capture the VOCs. The PTE systems shall each achieve capture efficiencies of 100 weight percent, as required in Approval MBR-91-IND-045.
1,3,7	2) Coating lines EU1, EU3, and EU7 shall vent VOC emissions through a common stack as required by Consent Order, File No. ACO-NE-99-7001. The stack is 34 feet above ground, 2 feet in diameter, and the discharge velocity shall not be less than 55 feet per second at 100° F.
1,3,5,6,7	3) Emission units 1, 3, 5, 6, and 7 are subject to the requirements of 40 CFR 63.1-15, Subpart A, "General Provisions" [as indicated in Table 3 to Subpart OOOO of 40 CFR 63]. Compliance with all applicable provisions therein is required.
Facility-wide	4) The Permittee is (by EPA definition) a major source of hazardous air pollutants (HAPs) for 40 CFR 63, Subpart OOOO NESHAPs for the Printing, Coating, and Dyeing of Fabrics and Other Textiles (facility-wide). The initial compliance date was May 31, 2006. Compliance with all applicable provisions therein is required.
	5) That should a condition of air pollution be generated by the operation of this facility, then appropriate steps will immediately be taken by Hood Coatings, Inc. to abate said condition (State only requirement, 310 CMR 7.01(1)).
	6) When using the emission rate with add-on controls option for compliance with 40 CFR 63 Subpart OOOO, the Permittee shall develop and implement a work practice plan to minimize organic Hazardous Air Pollutant (HAP) emissions from the storage, mixing, and conveying of regulated materials used in, and waste materials generated by the coating operations. The plan must specify practices and procedures to ensure that at a minimum: <ul style="list-style-type: none"> <li>a. All organic-HAP-containing regulated materials and waste materials must be stored in closed containers.</li> <li>b. Spills of organic HAP-containing regulated materials, and waste materials must be minimized.</li> <li>c. Organic-HAP-containing regulated materials and waste materials must be conveyed from one location to another in closed containers or pipes.</li> <li>d. Mixing vessels which contain organic-HAP-containing regulated materials must be closed except when adding to, removing, or mixing the contents.</li> <li>e. Emissions of organic HAP must be minimized during cleaning</li> </ul>
	7) On or after the applicable compliance date of May 1, 2016, the Permittee shall comply with all applicable provisions of 310 CMR 7.18 (30).

## 6. ALTERNATIVE OPERATING SCENARIOS

<b>Table 9</b>	
<b>Alternative Operating Scenarios</b>	
While operating under an Alternative Operating Scenario (AOS), the Permittee shall comply with applicable requirements specified in this Permit, including but not limited to, state and federal operational and emission limitations specified in Table 3, monitoring and testing requirements specified in Table 4, record keeping requirements specified in Table 5, reporting requirements in Table 6, and Special Terms and Conditions in Section 5. The Permittee shall establish and maintain a log at the facility, which indicates the scenario under which the facility is operating. The Permittee shall record changes from one scenario to another contemporaneously with the change, as provided in 310 CMR 7.00, Appendix C (10) (g).	
<b><u>AOS No. 1</u></b> <u>“Emission</u> <u>Rate</u> <u>Without</u> <u>Add-on</u> <u>Controls”</u>  <u>(Facility-</u> <u>wide)</u>	<b><u>1) Table 3 Emission Limit:</u></b>  <0.12 kilograms (kg) of organic HAP per kg of solids applied
	<b><u>2) Table 4 Monitoring/Testing Requirements:</u></b>  The Permittee shall follow the procedures contained in 40 CFR 63. 4332 to monitor compliance with the emission limitations using the “Emission rate without add-on controls option” defined in 40 CFR 63.4291(a) (2) and incorporated herein by reference.
	<b><u>3) Table 5 Record Keeping Requirements:</u></b>  In accordance with 40 CFR 63 Subpart OOOO, the Permittee shall comply with the record keeping requirements specified in 40 CFR 63.4312 incorporated herein by reference, including all documentation supporting initial notification and notification of compliance status. These records shall include: <ol style="list-style-type: none"> <li>1. a copy of each notification and report that the Permittee submitted;</li> <li>2. a record of the purchase records for each material applied in the web coating and printing subcategory and the dyeing and finishing subcategory during each compliance period;</li> <li>3. a current copy of the information provided by materials suppliers or manufacturers, such as manufacturers formulation data or test data used to determine the mass fraction of organic HAP;</li> <li>4. a record of the mass fraction of organic HAP for each regulated material applied during each compliance period;</li> <li>5. a record of the mass fraction of coating and printing solids for each coating and printing material applied during each compliance period;</li> <li>6. a record of the date, time and duration of any deviation;</li> <li>7. the information specified in paragraph (c) of 40 CFR 63.4312.</li> </ol> The Permittee shall maintain these records in a form suitable and readily available for expeditious review, as specified in §63.10(b) (1) incorporated herein by reference.
	<b><u>4) Table 6 Reporting Requirements:</u></b> The Permittee shall comply with all applicable reporting requirements in 40 CFR 63.4311 incorporated herein by reference. In accordance with 40 CFR 63.4311, The Permittee shall submit to the MassDEP and U.S. EPA semi-annual compliance reports. Each compliance report must contain the applicable information specified in 40 CFR 63.4311 and must cover the semi-annual reporting period from January 1 through June 30 or the semi-annual reporting period from July 1 through December 31. Each compliance report must be postmarked or delivered no later than July 31 or January 31.

<b><u>AOS No. 2</u></b> <b><u>(“Emission Rate With Add-on Controls”)</u></b>	<b><u>5) Table 3 Emission Limit:</u></b>  Outlet organic HAP concentration <20 parts per million by volume, dry basis (ppmvd) with 100% capture efficiency
<b><u>(EU5, EU6)</u></b>	<b><u>Table 4 Monitoring/Testing Requirements:</u></b>
	6) In accordance with 40 CFR 63.4342(a) and §63.4341(e)(1), follow the procedures specified in §63.4331(a)(1) to determine the mass fraction of organic HAP for each coating, printing, thinning, and cleaning material applied each month using one of the following methods: 40 CFR 63, Appendix A, Method 311 [40 CFR 63.4321(e)(1)(i)]; or 40 CFR 60, Appendix A, Method 24 [40 CFR 63.4321(e)(1)(ii)]; or an Administrator Approved Alternate test method [40 CFR 63.4321(e)(1)(iii)]; or Formulation data <sup>1</sup> provided by the manufacturer of the material [40 CFR 63.4321(e)(1)(iv)]
	7) In accordance with 40 CFR 63.4342(a) and 63.4341(e)(1) through (7), calculate the organic HAP emission rate, kg organic HAP emitted per kg solids applied during the compliance period, to demonstrate continuous compliance with the emission limit specified in Table 1 to Subpart OOOO of Part 63. The Permittee must perform the calculations on a monthly basis.
	8) In accordance with 40 CFR 63.4364(a) and (c), for any controlled web coating/printing operation, the Permittee must install, operate, and maintain the thermal oxidizer temperature monitoring equipment according to the requirements in paragraphs 63.4364(a)(1) through (8) and 63.4364(c)(i) and (ii).
	9) In accordance with 40 CFR 63.4364(a) and (e), for any controlled web coating/printing operation, the Permittee must install, operate, and maintain the duct static pressure monitoring equipment according to the requirements in paragraphs 63.4364(a)(1) through (8) and 63.4364(e)(1) through (5).
	<b><u>Table 5 Record Keeping Requirements:</u></b>
	10) In accordance with §63.4312 (c)(1), maintain a record of the web coating/printing operations on which you used this compliance option and the time periods (beginning and ending dates) you used this option.
	11) In accordance with 63.4312(c)(1)(iii), the Permittee shall keep a record of the calculation of the total mass of organic HAP emissions before add-on controls for the coating, printing, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of §63.4331; the calculation of the total mass of the solids contained in all coating and printing materials applied each compliance period using Equation 2 of §63.4331; the calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1, 1A, 1B, and 1C of §63.4341 and Equations 2, 3, 3A, and 3B of §63.4341, as applicable; and the calculation of the organic HAP emission rate for each compliance period using Equation 4 of §63.4341.
	12) In accordance with 63.4312(f), the Permittee shall keep a record of the mass fraction of coating and printing solids for each coating and printing material applied during each compliance period.
	13) In accordance with 63.4300(c) & 63.4342(g), for any controlled web coating/printing operation, the Permittee shall develop a written startup, shutdown, and malfunction plan according to the provisions in §63.6(e)(3) for the thermal oxidizer and capture control equipment.
	14) In accordance with 63.4312(j) (1), for any controlled web coating/printing operation, the Permittee shall keep a record for each deviation, of whether the deviation occurred during a period of startup, shutdown, or malfunction.

<sup>1</sup> Formulation data must represent all organic HAP present  $\geq 0.1\%$  for OSHA defined carcinogens and  $\geq 1.0\%$  for other organic HAP compounds.  
**Method 311 data takes precedence when available.**

<b><u>AOS No. 2</u></b> <b><u>(“Emission</u></b> <b><u>Rate With</u></b> <b><u>Add-on</u></b> <b><u>Controls”)</u></b>  <b><u>(EU5, EU6)</u></b>	15) In accordance with 63.4312(j) (2), for any controlled web coating/printing operation, the Permittee shall keep records in §63.6(e) (3) (iii) through (v) related to startup, shutdown, and malfunction.
	16) In accordance with 63.4312(j)(3), for any controlled web coating/printing operation, the Permittee shall keep records required to show continuous compliance with each operating limit specified in Table 2 to this subpart that applies to you.
	17) In accordance with 63.4312(j) (5) (ii), for any controlled web coating/printing operation, the Permittee shall keep records of the mass of Total Volatile Hydrocarbon (TVH) emissions captured by the emission capture system as measured by Method 204B or C of Appendix M to 40 CFR Part 51 at the inlet to the add-on control device, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run as measured by Method 204D or E of appendix M to 40 CFR parts 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR Part 51 for either a temporary total enclosure or a building enclosure.
	18) In accordance with 63.4312(j)(6)(i) & (ii), for any controlled web coating/printing operation, the Permittee shall keep records of each add-on control device performance test conducted according to §§63.4360 and 63.4362 including records of the solvent coaters operating conditions during the add-on control device performance test showing that the performance test was conducted under representative operating conditions.
	19) In accordance with 63.4312(j)(7), for any controlled web coating/printing operation, the Permittee shall keep records of the data and calculations used to establish the emission capture and add-on control device operating limits as specified in §63.4363 and to document compliance with the operating limits as specified in Table 2 to this subpart.
	20) In accordance with 63.4312(a), the Permittee shall keep a copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.
	21) In accordance with 63.4312(b), the Permittee shall keep a current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data or test data used to determine the mass fraction of organic HAP for coating, printing, slashing, dyeing, finishing, thinning, and cleaning materials; and the mass fraction of solids for coating and printing materials.
	22) In accordance with 63.4312(d), the Permittee shall keep a record of the name and mass of each regulated material applied in the web coating and printing subcategory and the dyeing and finishing subcategory during each compliance period.
	23) In accordance with 63.4312(e), the Permittee shall keep a record of the mass fraction of organic HAP for each regulated material applied during each compliance period.
	24) In accordance with 63.4312(i), the Permittee shall keep records of the date, time, and duration of each deviation (as defined at §63.4371).
	25) In accordance with 63.4313(a), (b), and (c), the Permittee shall keep records in a form suitable and readily available for expeditious review, according to §63.10(b) (1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. The Permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). The Permittee may keep the records off site for the remaining 3 years.
	<b><u>Table 6 Reporting Requirements:</u></b>
	26) In accordance with 63.4311(a) (7), 63.4341(b), & 63.4342(b), if there was a deviation from an emission limitation, the semiannual compliance report must contain

	the information in paragraphs (a) (7) (i) through (xv) of this section. This includes periods of startup, shutdown, and malfunction during which deviations occurred.
<b><u>AOS No. 2</u></b> <b><u>(“Emission</u></b> <b><u>Rate With</u></b> <b><u>Add-on</u></b> <b><u>Controls”)</u></b>  <b><u>(EU5, EU6)</u></b>	27) In accordance with 63.4342(c), the Permittee must demonstrate continuous compliance with each operating limit required by §63.4292 that applies to you, as specified in Table 2 to this subpart. If an operating parameter is out of the allowed range specified in Table 2 to this subpart, this is a deviation from the operating limit that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7). If an operating parameter deviates from the operating limit specified in Table 2 to this subpart, then you must assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation.
	28) In accordance with Table 4 to Subpart OOOO of Part 63, the Permittee shall submit a monitoring plan to the Administrator that identifies operating parameters to be monitored according to §63.4364(e).
	29) In accordance with 40 CFR 63.4311(b), the Permittee shall submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in §63.10(d)(2).
	30) In accordance with 40 CFR 63.4311(c), the Permittee shall submit startup, shutdown, and malfunction reports as specified in §63.10(d) (5).
	31) In accordance with 63.4311(a)(1)(ii), 63.4311(a)(1) (iii), 63.4311(a)(3), 63.4332(c), & 63.4342(f), the Permittee must submit semiannual compliance reports covering the semiannual reporting periods from January 1 through June 30 and July 1 through December 31. Each semiannual compliance report must be postmarked no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. The required semiannual compliance report content is identified at §63.4311(a) (3) (i)-(v) in addition to §63.4311(a) (4), §63.4311(a) (6), §63.4311(a) (7) and §63.4311(c) (1), as applicable.
	32) In accordance with 40 CFR 63.4311(a)(2), the Permittee shall submit a semiannual compliance report for each affected source along with, or as part of, the Semi-Annual Monitoring Summary Report and Certification required at Section 10 of this Operating Permit.
	33) In accordance with 63.4311(a)(4), if there were no deviations from the emission limitations in Table 3 to Subpart OOOO of Part 63 and §§63.4292, and 63.4293 that apply to you, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period. If there were no periods during which the continuous parameter monitoring systems (CPMS) were out-of-control as specified in §63.8(c) (7), the semiannual compliance report must include a statement that there were no periods during which the CPMS were out-of-control during the reporting period.
	34) In accordance with 40 CFR 63.9(j), report any change to information already provided within 15 calendar days after the change.

**7. EMISSIONS TRADING**

A. INTRA-FACILITY EMISSIONS TRADING

The Permittee did not request intra-facility emissions trading in its Operating Permit Application.

B. INTER-FACILITY EMISSIONS TRADING

The Permittee did not request inter-facility emissions trading in its Operating Permit Application.

**8. COMPLIANCE SCHEDULE**

The Permittee has indicated that the facility is in compliance and shall remain in compliance with the applicable requirements contained in Sections 4 and 5.

In addition, the Permittee shall comply with any applicable regulation that becomes effective during the Permit term.

## GENERAL CONDITIONS FOR OPERATING PERMIT

### 9. FEES

The Permittee has paid the permit application processing fee and shall pay the annual compliance fee in accordance with the fee schedule pursuant to 310 CMR 4.00.

### 10. COMPLIANCE CERTIFICATION

All documents submitted to MassDEP shall contain certification by the responsible official of truth, accuracy, and completeness. Such certification shall be in compliance with 310 CMR 7.01(2) and contain the following language:

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

The "Operating Permit Reporting Kit" contains instructions and the Annual Compliance Report and Certification and the Semi-Annual Monitoring Summary Report and Certification. The "Operating Permit Reporting Kit" is available to the Permittee via MassDEP's web site, <http://www.mass.gov/dep/air/approvals/aqforms.htm#op>.

#### A. Annual Compliance Report and Certification

The Responsible Official shall certify, annually for the calendar year, that the facility is in compliance with the requirements of this Permit. The report shall be postmarked or delivered by January 30 to MassDEP and to the Air Compliance Clerk, U.S. Environmental Protection Agency - New England Region. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

- 1) the terms and conditions of the Permit that are the basis of the certification;
- 2) the current compliance status and whether compliance was continuous or intermittent during the reporting period;
- 3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods; and
- 4) any additional information required by MassDEP to determine the compliance status of the source.

#### B. Semi-Annual Monitoring Summary Report and Certification

The Responsible Official shall certify, semi-annually on the calendar year, that the facility is in compliance with the requirements of this Permit. The report shall be postmarked or delivered by January 30 and July 30 to MassDEP. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

- 1) the terms and conditions of the Permit that are the basis of the certification;
- 2) the current compliance status during the reporting period;
- 3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods;
- 4) whether there were any deviations during the reporting period;
- 5) if there are any outstanding deviations at the time of reporting, and the Corrective Action Plan to remedy said deviation;
- 6) whether deviations in the reporting period were previously reported;
- 7) if there are any outstanding deviations at the time of reporting, the proposed date of return to compliance;
- 8) if the deviations in the reporting period have returned to compliance and date of such return to compliance; and
- 9) any additional information required by MassDEP to determine the compliance status of the source.

## **11. NONCOMPLIANCE**

Any noncompliance with a permit condition constitutes a violation of 310 CMR 7.00: Appendix C and the Clean Air Act and is grounds for enforcement action, for Permit termination or revocation, or for denial of an Operating Permit renewal application by MassDEP and/or EPA. Noncompliance may also be grounds for assessment of administrative or civil penalties under M.G.L. c.21A, §16 and 310 CMR 5.00 and civil penalties under M.G.L. c.111, §142A and 142B. This Permit does not relieve the Permittee from the obligation to comply with any other provisions of 310 CMR 7.00 or the Act, or to obtain any other necessary authorizations from other governmental agencies, or to comply with all other applicable Federal, State, or Local rules and regulations, not addressed in this Permit.

## **12. PERMIT SHIELD**

- A. This facility has a permit shield provided that it operates in compliance with the terms and conditions of this Permit. Compliance with the terms and conditions of this Permit shall be deemed compliance with all applicable requirements specifically identified in Sections 4, 5, 6, and 7, for the emission units as described in the Permittee's application and as identified in this Permit.

Where there is a conflict between the terms and conditions of this Permit and any earlier Permit, the terms and conditions of this Permit control.

- B. MassDEP has determined that the Permittee is not currently subject to the requirements listed in Section 4, Table 7.

- C. Nothing in this Permit shall alter or affect the following:

- 1) the liability of the source for any violation of applicable requirements prior to or at the time of permit issuance.
- 2) the applicable requirements of the Acid Rain Program, consistent with 42 U.S.C. §7401, §408(a); or
- 3) the ability of EPA to obtain information under 42 U.S.C. §7401, §114 or §303 of the Act.



### **13. ENFORCEMENT**

The following regulations found at 310 CMR 7.02(8)(h) Table 6 for wood fuel, 7.04(9), 7.05(8), 7.09 (odor), 7.10 (noise), 7.18(1)(b), 7.21, 7.22, 7.70 and any condition(s) designated as "state only" are not federally enforceable because they are not required under the Act or under any of its applicable requirements. These regulations and conditions are not enforceable by the EPA. Citizens may seek equitable or declaratory relief to enforce these regulations and conditions pursuant to Massachusetts General Law Chapter 214, Section 7A.

All other terms and conditions contained in this Permit, including any provisions designed to limit a facility's potential to emit, are enforceable by MassDEP, EPA and citizens as defined under the Act.

A Permittee shall not claim as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

### **14. PERMIT TERM**

This Permit shall expire on the date specified on the cover page of this Permit, which shall not be later than the date five (5) years after the issuance of this Permit.

Permit expiration terminates the Permittee's right to operate the facility's emission units, control equipment or associated equipment covered by this permit, unless a timely and complete renewal application is submitted at least 6 months before the expiration date.

### **15. PERMIT RENEWAL**

Upon receipt of a complete and timely application for renewal, this facility may continue to operate subject to final action by MassDEP on the renewal application.

In the event MassDEP has not taken final action on the Operating Permit renewal application prior to this Permit's expiration date, this Permit shall remain in effect until MassDEP takes final action on the renewal application, provided that a timely and complete renewal application has been submitted in accordance with 310 CMR 7.00: Appendix C(13).

### **16. REOPENING FOR CAUSE**

This Permit may be modified, revoked, reopened, and reissued, or terminated for cause by MassDEP and/or EPA. The responsible official of the facility may request that MassDEP terminate the facility's Operating Permit for cause. MassDEP will reopen and amend this permit in accordance with the conditions and procedures under 310 CMR 7.00: Appendix C(14).

The filing of a request by the Permittee for an Operating Permit revision, revocation and reissuance, or termination, or a notification of a planned change or anticipated noncompliance does not stay any Operating Permit condition.

### **17. DUTY TO PROVIDE INFORMATION**

Upon MassDEP's written request, the Permittee shall furnish, within a reasonable time, any information necessary for determining whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall furnish to MassDEP copies of records that the Permittee is required to retain by this Permit.

## **18. DUTY TO SUPPLEMENT**

The Permittee, upon becoming aware that any relevant facts were omitted or that incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a complete renewal application was submitted but prior to release of a draft permit.

The Permittee shall promptly, on discovery, report to MassDEP a material error or omission in any records, reports, plans, or other documents previously provided to MassDEP.

## **19. TRANSFER OF OWNERSHIP OR OPERATION**

This Permit is not transferable by the Permittee unless done in accordance with 310 CMR 7.00: Appendix C(8)(a). A change in ownership or operation control is considered an administrative permit amendment if no other change in the Permit is necessary and provided that a written agreement containing a specific date for transfer of Permit responsibility, coverage, liability between current and new Permittee has been submitted to MassDEP.

## **20. PROPERTY RIGHTS**

This Permit does not convey any property rights of any sort, or any exclusive privilege.

## **21. INSPECTION AND ENTRY**

Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of MassDEP and EPA to perform the following:

- A. enter upon the Permittee's premises where an operating permit source activity is located or emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;
- B. have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- C. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- D. Sample or monitor at reasonable times, any substances or parameters for the purpose of assuring compliance with the Operating Permit or applicable requirements as per 310 CMR 7.00 Appendix C.(3)(g)(12).

## **22. PERMIT AVAILABILITY**

The Permittee shall have available at the facility at all times a copy of the materials listed under 310 CMR 7.00: Appendix C(10)(e) and shall provide a copy of the Operating Permit, including any amendments or attachments thereto, upon request by MassDEP or EPA.

### **23. SEVERABILITY CLAUSE**

The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not be affected thereby.

### **24. EMERGENCY CONDITIONS**

The Permittee shall be shielded from enforcement action brought for noncompliance with technology based<sup>2</sup> emission limitations specified in this Permit as a result of an emergency<sup>3</sup>. In order to use emergency as an affirmative defense to an action brought for noncompliance, the Permittee shall demonstrate the affirmative defense through properly signed, contemporaneous operating logs, or other relevant evidence that:

- A. an emergency occurred and that the Permittee can identify the cause(s) of the emergency;
- B. the permitted facility was at the time being properly operated;
- C. during the period of the emergency the Permittee took all reasonable steps as expeditiously as possible to minimize levels of emissions that exceeded the emissions standards, or other requirements in this Permit; and
- D. the Permittee submitted notice of the emergency to MassDEP within two (2) business days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

If an emergency episode requires immediate notification to the Bureau of Waste Site Cleanup/Emergency Response, immediate notification to the appropriate parties should be made as required by law.

### **25. PERMIT DEVIATION**

Deviations are instances where any permit condition is violated and not reported as an emergency pursuant to section 24 of this Permit. Reporting a permit deviation is not an affirmative defense for action brought for noncompliance. Any reporting requirements listed in Table 6 of this Operating Permit shall supersede the following deviation reporting requirements, if applicable.

The Permittee shall report to MassDEP's Regional Bureau of Waste Prevention the following deviations from permit requirements, by telephone or fax, within three (3) days of discovery of such deviation:

- A. Unpermitted pollutant releases, excess emissions or opacity exceedances measured directly by CEMS/COMS, by EPA reference methods or by other credible evidence, which are ten percent (10%) or more above the emission limit.

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<sup>2</sup> Technology based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain health based air quality standards.

<sup>3</sup> An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation would require immediate corrective action to restore normal operation, and that causes the source to exceed a technology based limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operations, operator error or decision to keep operating despite knowledge of any of these things.

- B. Exceedances of parameter limits established by your Operating Permit or other approvals, where the parameter limit is identified by the Permit or approval as surrogate for an emission limit.
- C. Exceedances of Permit operational limitations directly correlated to excess emissions.
- D. Failure to capture valid emissions or opacity monitoring data or to maintain monitoring equipment as required by statutes, regulations, your Operating Permit, or other approvals.
- E. Failure to perform QA/QC measures as required by your Operating Permit or other approvals for instruments that directly monitor compliance.

For all other deviations, three (3) day notification is waived and is satisfied by the documentation required in the subsequent Semi-Annual Monitoring Summary and Certification. Instructions and forms for reporting deviations are found in the MassDEP's Bureau of Waste Prevention Air Operating Permit Reporting Kit, which is included with the Operating Permit, which is available to the Permittee via MassDEP's web site, <http://www.mass.gov/dep/air/approvals/aqforms.htm#op>.

This report shall include the deviation, including those attributable to upset conditions as defined in the Permit, the probable cause of such deviations, and the corrective actions or preventative measures taken.

Deviations that were reported by telephone, fax or electronic mail (email) within 3 days of discovery, said deviations shall also be submitted in writing via the Operating Permit Deviation Report to the regional Bureau of Waste Prevention within ten (10) days of discovery. For deviations which do not require 3 day verbal notification, follow-up reporting requirements are satisfied by the documentation required in the aforementioned Semi-Annual Monitoring Summary and Certification.

## **26. OPERATIONAL FLEXIBILITY**

The Permittee is allowed to make changes at the facility consistent with 42 U.S.C. §7401, §502(b)(10) not specifically prohibited by the Permit, and in compliance with all applicable requirements, provided the Permittee gives the EPA and MassDEP written notice fifteen days prior to said change; notification is not required for exempt activities listed at 310 CMR 7.00: Appendix C(5) (h) and (i). The notice shall comply with the requirements stated at 310 CMR 7.00: Appendix C(7)(a) and will be appended to the facility's Permit. The permit shield allowed for at 310 CMR 7.00: Appendix C(12) shall not apply to these changes.

## **27. MODIFICATIONS**

- (a) Administrative Amendments - The Permittee may make changes at the facility which are considered administrative amendments pursuant to 310 CMR 7.00: Appendix C(8)(a)1., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(b).
- (b) Minor Modifications - The Permittee may make changes at the facility which are considered minor modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)2., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(d).
- (c) Significant Modifications - The Permittee may make changes at the facility which are considered significant modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)3., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(c).
- (d) No permit revision shall be required, under any approved economic incentives program, marketable permits program, emission trading program and other similar programs or processes, for changes that are provided in this Operating Permit. A revision to the Permit is not required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program under Title IV of the Act, provided that such increases do not require an Operating Permit revision under any other applicable requirement.

**28. OZONE DEPLETING SUBSTANCES**

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

- A. The Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
- 1) All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR 82.106.
  - 2) The placement of the required warning statement must comply with the requirements of 40 CFR 82.108.
  - 3) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR 82.110.
  - 4) No person may modify, remove or interfere with the required warning statement except as described in 40 CFR 82.112.
- B. The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in Subpart B:
- 1) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices of 40 CFR 82.156.
  - 2) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment of 40 CFR 82.158.
  - 3) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.
  - 4) Persons disposing of small appliances, MVACs and MVAC-like appliances (as defined in 40 CFR 82.152) must comply with recordkeeping requirements of 40 CFR 82.166.
  - 5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair equipment requirements of 40 CFR 82.156.
  - 6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
- C. If the Permittee manufactures, transforms, imports or exports a class I or class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, "Production and Consumption Controls".
- D. If the Permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners". The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo or system used on passenger buses using HCFC-22 refrigerant.

- E. The Permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

**29. PREVENTION OF ACCIDENTAL RELEASES**

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

Your facility is subject to the requirements of the General Duty Clause, under 112(r)(1) of the CAA Amendments of 1990. This clause specifies that owners or operators of stationary sources producing, processing, handling or storing a chemical in any quantity listed in 40 CFR Part 68 or any other extremely hazardous substance have a general duty to identify hazards associated with these substances and to design, operate and maintain a safe facility, in order to prevent releases and to minimize the consequences of accidental releases which may occur.